

## Touch panel - BTP 2070W - 1046666

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Touch panel with 17.8 cm/7" TFT-display (analog resistive (polyester)), 800 x 480 Pixel(s) (WVGA), 262144 colors, ARM9™ i.MX28, 454 MHz, 2x COM (RS-232/422/485), 1x USB 2.0, Typ A, 1x USB 2.0, Typ B, 1 x Ethernet (10/100 Mbps), RJ45, Windows CE 6.0 and user software: Visu+. (bus system: without)

### Your advantages

- ✔ Visu+ RT integrated as standard in all BTP 2000 devices
- ✔ Connection to all relevant control systems, thanks to a large number of available drivers
- ✔ Developed for basic applications with attractive price/performance ratio
- ✔ 3 display sizes in 16:9 format

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 642963
GTIN	4055626642963
Weight per Piece (excluding packing)	400.000 g
Custom tariff number	84714100
Country of origin	India

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

External dimension, width	186 mm
External dimension, height	138 mm
External dimension, depth	5 mm
Note regarding external dimension	Dimensions of the front plate
Installation dimension, width	175 mm
Installation dimension, height	127 mm

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## Technical data

### Dimensions

Installation dimension, depth	31 mm
Note regarding installation dimension	Installation cutout

### Display

Display	17.8 cm/7" TFT
Screen resolution	800 x 480 Pixel(s) (WVGA)
Backlighting	LED
Display backlight MTBF	20000 h
Touch technology	analog resistive (polyester)
Colors	262144 colors

### Computer data

Processor	ARM9™ i.MX28, 454 MHz
Operating system	Windows® CE 6.0
User software	Visu+
RAM	128 MB DDR2 SDRAM
Mass storage	Flash, 512 MB
Network	1 x Ethernet (10/100 Mbps), RJ45
Interfaces	2x COM (RS-232/422/485)
	1x USB 2.0, Typ A
	1x USB 2.0, Typ B
Bus system	without
Slots	1x SD

### General

Housing material	Plastic
Mounting type	Front installation
Weight	400 g

### Ambient conditions

Degree of protection	IP66 (on the front), IP20 (on the back)
Ambient temperature (operation)	0 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Vibration (operation)	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27

### Device supply

Typical current consumption	0.4 A
Power supply unit	24 V DC ±15 %

### Standards and Regulations

Shock	DIN EN 60068-2-27
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## Technical data

### Standards and Regulations

Vibration (operation)	DIN EN 60068-2-6
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Classifications

### eCl@ss

eCl@ss 5.1	27330200
eCl@ss 6.0	27242300
eCl@ss 7.0	27242302
eCl@ss 8.0	27242302
eCl@ss 9.0	27330201

### ETIM

ETIM 4.0	EC001412
ETIM 5.0	EC001412
ETIM 6.0	EC001412

## Accessories

### Accessories

#### Data plug

D-SUB gender changer - VS-09-GC-ST/ST - 1652651



D-SUB contact insert, shell size 1, with nine signal contacts, type of contact pin, gender changer, fixing with 4-40 UNC thread

#### Operating stylus

Touch pen - TOUCH PEN - 2701379



Touch pen for HMIs, silver coated. Delivery includes self-adhesive pen holder.

#### PCB plug

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### Accessories

Printed-circuit board connector - MSTB 2,5/ 3-STF-5,08 - 1777992

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



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### Storage medium

USB memory stick - USB FLASH DRIVE - 2402809



USB memory stick, 8 GB